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Amendments to H.R. 3585—Solar Technology Roadmap Act of 2009

H.R. 3585, the Solar Technology Roadmap Act of 2009 (sponsored by *Rep. Giffords, D-AZ*), is scheduled to be considered on the House floor on Thursday, October 22, 2009, subject to a structured rule ([H.Res.846](#)), making in order the following 11 amendments. The rule waives all points of order against consideration of the bill, except the earmark rule and “pay-go” violations. The rule allows one motion to recommit with or without instructions.

AMENDMENTS MADE IN ORDER UNDER THE RULE

1. **Gordon (D-TN).** The Manager’s amendment expands what technologies are eligible under the bill and limits all grants to entities based in the United States. The amendment also clarifies that the roadmap must consider improving the cost effectiveness and quality control of domestic manufacturing, identify “best practice” for national laboratories, and consult with other federal agencies for demonstration projects on federal lands.

The amendment would also clarify that grants are located in geographically dispersed regions of the country and are not concentrated in any single geographical region of country. Additionally, the amendment would clarify that at least one demonstration project be awarded in fiscal year 2011 for the demonstration of organic photovoltaic cell technologies. The amendment also requires the submission of a report to Congress regarding the potential applications of micro power stations using solar power technology in underserved communities lacking in basic electric or traditional power infrastructure. Finally, the amendment requires the Secretary to establish a pilot program to make grants for projects that protect against solar technology equipment theft and report back to Congress one year after enactment.

2. **Broun (R-GA).** The amendment would reduce the amount authorized to \$250,000,000 for each fiscal year and reduce the program to three years expiring at 2013, as opposed to 2015 in the underlying bill.
3. **Hastings (D-FL).** Amends the roadmap committee to include a representative from a minority-serving institution, which is undefined in the amendment.
4. **Cardoza (D-CA).** Expands the definition of eligible projects to include research and development on solar thermal power technology (including linear concentrator systems, dish/engine 3 systems, and power tower systems) and requires the Secretary to include two

solar demonstration projects under the program that generate between 1 and 3 megawatts continuously for a 24-hour period.

5. ***Kaptur (D-OH)***. Requires the Committee consider recommendations to strengthen the link between solar research and development with traditional manufacturing and provide recommendations to federal agencies to commercialize newly adopted technology.
6. ***Marshall (D-GA)***. Requires the Secretary to evaluate the potential to establish large photovoltaic facilities that produce at least 100 gigawatts, and the capability of the electrical grid to handle capacity and storage requirement under the demonstration projects portion of the bill.
7. ***Klein (D-FL)***. Includes technologies that “can be used to increase the usefulness and value of solar technologies” as eligible for funding under the Secretary of Energy's research and development program.
8. ***Titus (D-NV)/Teague (D-NM)/Heinrich (D-NM)***. Includes water efficient solar technology as eligible for funding under the Secretary of Energy's research and development program.
9. ***Heinrich (D-NM)***. Requires the release of the report to the general public one month prior to publication.
10. ***Himes (D-CT)***. Clarifies that “thermal technologies and concentrating solar photovoltaic technologies” are eligible for funding under the Secretary of Energy's research and development program.
11. ***Murphy (D-NY)***. Requires the Committee to submit an annual report to the Secretary and the Congress on its activities during that timeframe.